

# Geographic Information Systems (GIS) Professional in Training



Project Title	Geographic Information Systems (GIS) Professional in Training
Project Summary	Perfect your GIS and programming skills through working on a variety of projects which use a diverse array of scientific data sets collected in the Grand Canyon.
Country	United States

## Project Description

This intern will get hands on experience as a GIS professional and be at the interface between scientific research and GIS. While based in GIS, the tasks the intern will perform cover a wide variety of topic matter from biology, ecology, geoscience, physical science, cultural, and many others. Interns will have the freedom to select which projects they are most interested in and apply their current knowledge of GIS while learning new technologies to complete their work.

The toolbox of a GIS professional is always growing and evolving and recent trends have been towards web based applications. Interns will have the opportunity to be part of a team that develops web mapping applications to display and visualize scientific data. In doing so they will learn how information can be efficiently stored in relational databases, served via web servers and GIS software, and displayed using a number of graphing and web mapping application programming interfaces (APIs).

## Required Skills or Interests

Skill(s)
Data analysis
Data visualization
GIS expertise
Software development
Website design

## **Additional Information**

The wide variety of science taking place at Grand Canyon Monitoring & Research Center (GCMRC) will provide this intern with a great opportunity to not only learn about GIS but also about scientific research they are interested in.

Interested candidates can account for skills they may be lacking with an eagerness to learn.

## **Language Requirements**

*None*